

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                                   |   |                        |
|-----------------------------------|---|------------------------|
| In re Patent Application of       | ) | MAIL STOP _____        |
| Yasuhiko Hatakeyama et al.        | ) | Group Art Unit:        |
| Application No.: 10/581,798       | ) | Examiner:              |
| Filing Date: June 2, 2006         | ) | Confirmation No.: 8695 |
| Title: OPTICAL SHEET BODY AND ITS | ) |                        |
| PRODUCING METHOD, OPTICAL         | ) |                        |
| CARD AND COMPOSITE MEMORY         | ) |                        |
| CARD                              | ) |                        |

**FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


Enclosed is a FIRST Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date February 21, 2007

By:   
William C. Rowland  
Registration No. 30,888

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620

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| For: OPTICAL SHEET BODY AND ITS | ) |                        |
| PRODUCING METHOD, OPTICAL       | ) |                        |
| CARD AND COMPOSITE MEMORY       | ) |                        |
| CARD                            | ) |                        |

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.


Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: February 21, 2007

By:   
William C. Rowland  
Registration No. 30,888

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620

**FIRST**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

|                      |                            |
|----------------------|----------------------------|
| Application Number   | 10/581,798                 |
| Filing Date          | June 2, 2006               |
| First Named Inventor | Yasuhiko Hatakeyama et al. |
| Examiner Name        |                            |
| Attorney Docket No.  | 1030673-000210             |

**U.S. PATENT DOCUMENTS**

| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
|-------------------|-----------------|----------------------|-------------------------------------------------|-------------------------------------|
|                   |                 |                      |                                                 |                                     |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | STATUS      |                     |                    |               |      |          |
|-------------------|-----------------|----------------------|---------|----------------------------------|-------------|---------------------|--------------------|---------------|------|----------|
|                   |                 |                      |         |                                  | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract |
|                   | * 11-154629     | A                    | Japan   | 06-08-1999                       |             |                     |                    | X             |      | X        |
|                   | * 11-003545     | A                    | Japan   | 01-06-1999                       |             |                     |                    | X             |      | X        |
|                   | * 11-003544     | A                    | Japan   | 01-06-1999                       |             |                     |                    | X             |      | X        |
|                   | * 08-293011     | B2                   | Japan   | 11-05-1996                       |             |                     |                    | X             |      | X        |
|                   | * 01-124085     | B2                   | Japan   | 01-16-1999                       |             |                     |                    |               |      | X        |
|                   |                 |                      |         |                                  |             |                     |                    |               |      |          |
|                   |                 |                      |         |                                  |             |                     |                    |               |      |          |
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|                   |                 |                      |         |                                  |             |                     |                    |               |      |          |
|                   |                 |                      |         |                                  |             |                     |                    |               |      |          |

**NON-PATENT LITERATURE DOCUMENTS**

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | * International Search Report from PCT/JP03/15496                                                                                                                                                                                                               |
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\* Copy Attached

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.